

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/052517 A1

(51) International Patent Classification:
7/04 // D21C 9/10

B01F 3/04, (74)

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(21) International Application Number:

PCT/SE2003/001907

(22) International Filing Date: 8 December 2003 (08.12.2003)

(25) Filing Language:

Swedish

(26) Publication Language:

English

(30) Priority Data:
0203678-8

12 December 2002 (12.12.2002) SE

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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

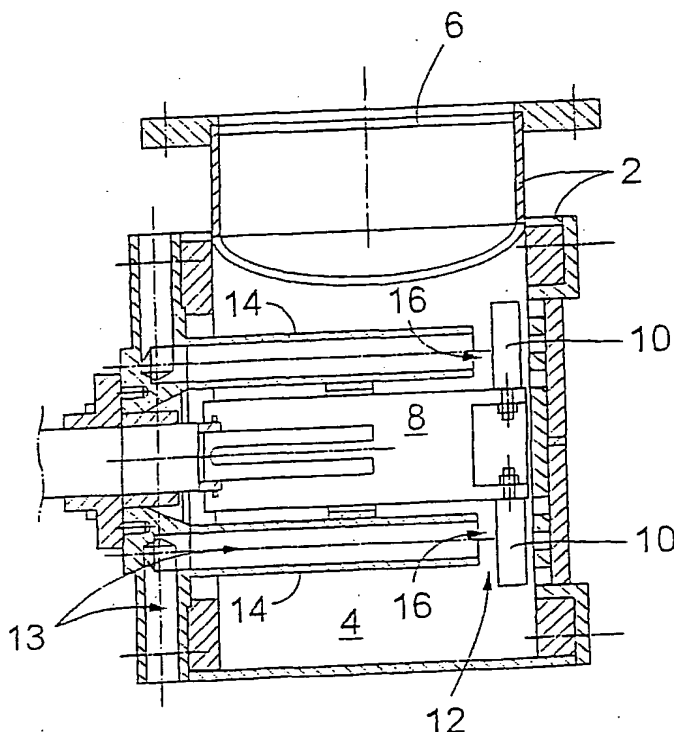
— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

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(54) Title: APPARATUS FOR MIXING



(57) **Abstract:** The present invention relates to
an apparatus for mixing of a chemical medium
in gaseous or liquid state with a pulp suspension.
The apparatus comprises a housing having a wall
(2) that defines a mixing chamber (4), a first feeder
(6) for feeding the pulp suspension to the mixing
chamber, a rotor shaft (8, 104, 204, 300, 406,
502), that extends in the mixing chamber, a drive
device for rotation of the rotor shaft, a rotor body
(10, 200, 407, 504), that is connected to the rotor
shaft and arranged to supply kinetic energy to the
pulp suspension flow, during rotation of the rotor
shaft by the rotation of the drive device, such that
turbulence is produced in a turbulent flow zone
(12) in the mixing chamber, a second feeder (13)
for feeding of the chemical medium to the mixing
chamber, and an outlet for discharging the mixture
of chemical medium and pulp suspension from the
mixing chamber.

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